

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S94	1	345/30.ccls. and "dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 14:31
L36	1	345/30.ccls. and "dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 14:31
L35	56	348/245.ccls. and (light or illuminat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 13:53
L33	60	348/245.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 13:53
S87	21	"dummy electrode" near7 (disconnect\$3 or detach\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:52
L34	0	("dummy electrode" or "dummy pixel") near3 (allow near5 light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:52
L29	13	345/87.ccls. and (dummy adj pixel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 13:52
S60	5	(illuminat\$3 adj border) same pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:22
L32	5	(illuminat\$3 adj border) same pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:22
L30	3	345/87.ccls. and ((dummy adj pixel) same light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 13:22

S58	0	345/30.ccls. and "dummy transistor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:21
L31	0	345/30.ccls. and "dummy transistor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:21
L26	1933	345/87.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:21
S35	483	345/92.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:20
S19	1262	345/87.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:20
S15	18	345/55.ccls. and (pixel adj matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
S13	0	345/55.ccls. and (pixel adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
S12	597	345/55.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
L25	684	345/92.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:20
L24	28	345/55.ccls. and (pixel adj matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
L23	0	345/55.ccls. and (pixel adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
L22	734	345/55.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
S8	1	"dummy pixel" near3 border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:16

L21	4	"dummy pixel" near3 border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:16
S6	99	345/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:15
L20	0	715/864.ccls. and (light near3 border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:15
L19	0	715/864.ccls. and (dummy adj pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:15
L18	181	715/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:15
L17	0	345/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:15
L16	76	"345"/\$.ccls. and ((display near7 border) same (light or illuminat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 12:13
L13	30	"345"/\$.ccls. and ((dummy adj pixel) same (light or illuminat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 12:13
L15	31	"348"/\$.ccls. and ((dummy adj pixel) same (light or illuminat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:48
L14	4	"382"/\$.ccls. and ((dummy adj pixel) same (light or illuminat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:43
S92	9	blair-richard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39
S91	0	noesen-katherine.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39

S90	3	Canova-Francis-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39
L12	9	blair-richard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39
L11	0	noesen-katherine.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39
L10	3	Canova-Francis-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39
S89	0	Canova-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:38
S88	0	Canova-Francis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:38
L9	0	Canova-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:38
L8	0	Canova-Francis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:38
S97	0	345/55.ccls. and (dummy adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:27
S96	0	345/55.ccls. and (dummy adj pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:27
S32	0	345/55.ccls. and (pixel adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:27
S95	0	345/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:26

S93	0	345/55.ccls. and (pixel adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:26
S59	1	345/30.ccls. and "dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:26
S36	112	345/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:26
S20	440	345/92.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/12/01 12:26
S68	18	"dummy electrode" near7 (disconnect\$3 or detach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S5	8	blair-richard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S4	0	noesen-katherine.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S3	3	Canova-Francis-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S2	0	Canova-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S1	0	Canova-Francis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S70	18	"dummy electrode" near7 (disconnect\$3 or detach\$3 or "not connected" or "not connecting")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:36
S69	4	"dummy pixel" near7 (disconnect\$3 or detach\$3 or "not connected" or "not connecting")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:36

S66	4	"dummy pixel" near7 (disconnect\$3 or detach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:36
S67	0	"dummy transistor" near7 (disconnect\$3 or detach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:34
S65	645	"dummy" near7 (disconnect\$3 or detach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:33
S63	60	"dummy electrode" and "345"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:31
S64	6	"dummy element" and "345"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:13
S62	1619	"dummy electrode"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:13
S61	0	(illuminat\$3 adj border) with transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:13
S40	1	(illuminat\$3 adj border) with pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:12
S57	0	345/55.ccls. and (dummy adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:11
S56	0	345/55.ccls. and (pixel adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:10
S55	2	"dummy transistor" and "dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:09
S54	9	"dummy transistor" same display	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:09

S53	3	"dummy transistor" same border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:08
S52	391	"dummy transistor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:07
S11	309	"dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:06
S51	21	"dummy pixel" same border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:04
S50	1	"dummy pixel" near3 border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:04
S49	88	(LCD or TFT or "liquid crystal display" or "thin film transistor") near3 border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:04
S7	76	(LCD or TFT or "liquid crystal display" or "thin film transistor") near3 border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:04
S48	132	345/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:01
S47	8	blair-richard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:01
S46	0	noesen-katherine.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:01
S45	3	Canova-Francis-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:00
S44	0	Canova-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:00

S43	0	Canova-Francis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:00
S42	4	("3968639"   "4255806"   "4743896"   "4824212").PN.	USPAT	OR	OFF	2003/11/05 11:42
S41	2	"5600344".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 11:34
S37	348	"dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 11:34
S39	2	"transparent border" with pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:58
S38	2	"transparent border" near5 pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:56
S34	21	345/55.ccls. and (pixel adj matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:40
S33	0	345/55.ccls. and (border near5 matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:40
S31	630	345/55.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:40
S14	0	345/55.ccls. and (border near5 matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:40
S30	1	"6577291".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2003/06/17 11:05
S29	2	"5784132".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2003/06/17 11:05
S21	2	"6274886".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2003/06/17 11:05



S28	15	"349"/\$.ccls. and ((dummy adj pixel) and (RGB or "R-G-B" or "R G B" or (red adj green adj blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:35
S27	0	"349"/\$.ccls. and ((dummy adj pixel) near3 (RGB or "R-G-B" or "R G B" or (red adj green adj blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:35
S26	2	"345"/\$.ccls. and ((dummy adj pixel) near3 (RGB or "R-G-B" or "R G B" or (red adj green adj blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:34
S17	42	"345"/\$.ccls. and (dummy adj pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:31
S25	8	((("345"/\$.ccls. and (dummy adj pixel)) or ("349"/\$.ccls. and (dummy adj pixel))) and manufact\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 15:20
S18	31	"349"/\$.ccls. and (dummy adj pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 15:20
S23	21	"345"/\$.ccls. and (((RGB or "R-G-B" or "R G B") near3 element) and LCD and backlight)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 15:03
S24	53	"345"/\$.ccls. and ("160" adj (row or column))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 14:54
S22	2	"6188385".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 14:51
S16	2	(PDA or "personal digital assistant" or "palm pilot" or "handheld pc") and "dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 12:00
S10	6	"dummy pixel" near3 matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 11:42
S9	0	"20020008800".URPN.	USPAT	OR	OFF	2003/06/16 11:26

Approximately **284** results found in the Worldwide database for:  
**dummy AND pixel** in the title or abstract  
(Results are sorted by date of upload in database)

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**RESULT LIST**

0 results found in the Worldwide database for:

**dummy AND pixel AND light AND pass** in the title or abstract

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## RESULT LIST

Approximately 56 results found in the Worldwide database for:

**dummy AND pixel AND light** in the title or abstract

(Results are sorted by date of upload in database)

- 1 Electro-optical device and electronic apparatus**  
Inventor: MURADE MASAO (JP)      Applicant: SEIKO EPSON CORP (JP)  
EC:      IPC: G02F1/1343; G02F1/1333  
Publication info: **US2005078240** - 2005-04-14
- 2 Grid metal design for large density CMOS image sensor**  
Inventor: YAUNG DUN-NIAN (TW); WUU SHOU-GWO      Applicant:  
(TW); (+1)  
EC:      IPC: H04N5/335  
Publication info: **US2005030403** - 2005-02-10
- 3 Solid-state imaging device and method for driving the same**  
Inventor: OZUMI TAKEHIKO (JP)      Applicant:  
EC:      IPC: H01L27/00  
Publication info: **US2005017154** - 2005-01-27
- 4 Photoelectric device and electronic machine**  
Inventor: MATSUEDA YOJIRO (JP)      Applicant: SEIKO EPSON CORP (JP)  
EC: G02F1/1341; G02F1/1343A4; (+2)      IPC: G09G3/30  
Publication info: **TW594633B** - 2004-06-21
- 5 Substrate for electro-optic apparatus**  
Inventor: HIRABAYASHI YUKIYA (JP)      Applicant: SEIKO EPSON CORP (JP)  
EC:      IPC: G02F1/13  
Publication info: **TW588176** - 2004-05-21
- 6 Liquid crystal display device for preventing light leakage and method of fabricating the same**  
Inventor: KIM KWANG MIN (KR)      Applicant:  
EC: G02F1/1362      IPC: G02F1/1343  
Publication info: **US2005007534** - 2005-01-13
- 7 Image display device**  
Inventor: TAKAHASHI HIROYUKI (JP)      Applicant:  
EC:      IPC: G09G5/00  
Publication info: **US2004239667** - 2004-12-02
- 8 Grid metal design for large density CMOS image sensor**  
Inventor: YAUNG DUN-NIAN (TW); WUU SHOU-GWO      Applicant: TAIWAN SEMICONDUCTOR MFG (TW)  
(TW); (+1)  
EC:      IPC: H01L31/0232; H01L27/148  
Publication info: **US6815787** - 2004-11-09
- 9 ORGANIC ELECTROLUMINESCENT DEVICE, AND MANUFACTURING METHOD OF THE SAME**  
Inventor: ARAI TAKESHI; FUJIMORI SHIGEO; (+1)      Applicant: TORAY INDUSTRIES  
EC:      IPC: H05B33/10; C23C14/24; (+3)  
Publication info: **JP2004296436** - 2004-10-21
- 10 METHOD FOR MANUFACTURING PIXEL SUBSTRATE AND BASE MATERIAL OF THE PIXEL SUBSTRATE**  
Inventor: IZUMI TAKESHI      Applicant: SONY CORP  
EC:      IPC: G09F9/00; G02F1/1333; (+5)  
Publication info: **JP2004294948** - 2004-10-21

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1. 05 - 129572(1993) SOLID-STATE IMAGE SENSOR

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No.	Publication No.	Title
1.	<u>2005 - 033838</u>	SOLID-STATE IMAGE PICKUP DEVICE
2.	<u>2004 - 296436</u>	ORGANIC ELECTROLUMINESCENT DEVICE, AND MANUFACTURING METHOD OF THE SAME
3.	<u>2004 - 294948</u>	METHOD FOR MANUFACTURING PIXEL SUBSTRATE AND BASE MATERIAL OF THE PIXEL SUBSTRATE
4.	<u>2004 - 221829</u>	IMAGE READER
5.	<u>2004 - 184530</u>	ELECTRO-OPTICAL DEVICE, ACTIVE MATRIX SUBSTRATE, AND ELECTRONIC APPARATUS
6.	<u>2004 - 172861</u>	ELECTRONIC APPARATUS CONTROLLER AND METHOD FOR CONTROLLING ELECTRONIC APPARATUS
7.	<u>2004 - 170614</u>	ELECTRONIC EQUIPMENT
8.	<u>2004 - 112474</u>	SOLID-STATE IMAGING DEVICE
9.	<u>2004 - 013050</u>	DISPLAY
10.	<u>2003 - 304453</u>	IMAGING DEVICE
11.	<u>2003 - 288987</u>	LIGHT EMITTING DEVICE AND ELECTRONIC DEVICE
12.	<u>2003 - 288986</u>	LIGHT EMITTING DEVICE AND ELECTRONIC DEVICE
13.	<u>2003 - 218340</u>	CCD IMAGE SENSOR
14.	<u>2003 - 168570</u>	DISPLAY DEVICE
15.	<u>2003 - 150082</u>	METHOD FOR DRIVING EL DISPLAY DEVICE AND EL DISPLAY DEVICE AND ITS MANUFACTURING METHOD AND INFORMATION DISPLAY DEVICE
16.	<u>2003 - 107527</u>	LIQUID CRYSTAL DISPLAY PANEL
17.	<u>2002 - 342776</u>	PICTURE GENERATING DEVICE AND STORAGE MEDIUM
18.	<u>2002 - 156653</u>	ELECTRO-OPTICAL DEVICE
19.	<u>2002 - 156652</u>	ELECTRO-OPTICAL DEVICE AND ITS MANUFACTURING METHOD
20.	<u>2002 - 098823</u>	METHOD FOR MEASURING MISALIGNMENT OF EXPOSURE POSITION DURING MANUFACTURING COLOR FILTER, AND COLOR FILTER
21.	<u>2002 - 077735</u>	SOLID-STATE IMAGE PICKUP ELEMENT AND IMAGE PICKUP DEVICE
22.	<u>2001 - 358324</u>	PICTURE READER
23.	<u>2001 - 330892</u>	PRINT HEAD AND PHOTOGRAPHIC PROCESSING DEVICE HAVING THE SAME
24.	<u>2001 - 250936</u>	SOLID-STATE IMAGE SENSING ELEMENT
25.	<u>2001 - 188228</u>	TRANSMISSION TYPE COLOR LIQUID CRYSTAL DISPLAY DEVICE
26.	<u>2001 - 188227</u>	TRANSMISSION TYPE COLOR LIQUID CRYSTAL DISPLAY DEVICE



27. 2001 - 042357 SUBSTRATE FOR LIQUID CRYSTAL DISPLAY PANEL AND PRODUCTION OF LIQUID CRYSTAL DISPLAY PANEL
28. 2001 - 024947 PHOTOELECTRIC CONVERSION CHIP, IMAGE SENSOR AND IMAGE SENSOR UNIT
29. 2000 - 356787 LIQUID CRYSTAL DISPLAY DEVICE
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Kenneth P. Fishkin, Brian A. Barsky

January 1984 **ACM SIGGRAPH Computer Graphics , Proceedings of the 11th annual conference on Computer graphics and interactive techniques**, Volume 18  
Issue 3

Full text available: [pdf\(1.12 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Soft filling algorithms change the color of an anti-aliased region, maintaining the anti-aliasing of the region. The two published algorithms for soft filling work only if the foreground region is anti-aliased against a black background. This paper presents three new algorithms. The first fills against a region consisting of any two distinct colors, and is faster than the published algorithms on a pixel-by-pixel basis for an RGB frame buffer; the second fill ...

**Keywords:** Convex hull, Linear algebra

2 [Accelerated walkthrough of large spline models](#)

Subodh Kumar, Dinesh Manocha, Hansong Zhang, Kenneth E. Hoff

April 1997 **Proceedings of the 1997 symposium on Interactive 3D graphics**

Full text available: [pdf\(1.33 MB\)](#)

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3 [Inference bear: designing interactive interfaces through before and after snapshots](#)

Martin R. Frank, Piyawadee Noi Sukaviriya, James D. Foley

August 1995 **Proceedings of the conference on Designing interactive systems: processes, practices, methods, & techniques**

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4 [Integrating video into an application framework](#)

Peter Schnorf

September 1993 **Proceedings of the first ACM international conference on Multimedia**

Full text available: [pdf\(176.78 KB\)](#)

[ps\(8.27 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)


**Keywords:** application framework, data type, motion video, object-oriented



## 5 Columns: Risks to the public in computers and related systems

Peter G. Neumann

November 2001 **ACM SIGSOFT Software Engineering Notes**, Volume 26 Issue 6

Full text available:  [pdf\(1.25 MB\)](#)

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## 6 Specification and dialogue control of visual interaction through visual rewriting systems



P. Bottoni, M. F. Costabile, P. Mussio

November 1999 **ACM Transactions on Programming Languages and Systems (TOPLAS)**,

Volume 21 Issue 6

Full text available:  [pdf\(886.71 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

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**Keywords:** control automaton, dialogue control, visual languages

## 7 Incremental computation of planar maps



M. Gangnet, J.-C. Hervé, T. Pudet, J.-M. van Thong

July 1989 **ACM SIGGRAPH Computer Graphics, Proceedings of the 16th annual conference on Computer graphics and interactive techniques**, Volume 23 Issue 3

Full text available:  [pdf\(867.32 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A *planar map* is a figure formed by a set of intersecting lines and curves. Such an object captures both the geometrical and the topological information implicitly defined by the data. In the context of 2D drawing it provides a new interaction paradigm, *map sketching*, for editing graphic shapes. To build a planar map, one must compute curve intersections and deduce from them the map they define. The computed topology must be consistent with the underlying geometry. Robustness of geom ...

## 8 Efficient visualization of physical and structural properties in crash-worthiness simulations (case study)



Sven Kuschfeldt, Thomas Ertl, Michael Holzner

October 1997 **Proceedings of the 8th conference on Visualization '97**

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## 9 Fast multiresolution image querying




Charles E. Jacobs, Adam Finkelstein, David H. Salesin

September 1995 **Proceedings of the 22nd annual conference on Computer graphics and interactive techniques**

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Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

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**Keywords:** content-based retrieval, image databases, image indexing, image metrics, query by content, query by example, similarity retrieval, sketch retrieval, wavelets

## 10 XML Applications: An incremental XSLT transformation processor for XML document manipulation



Full text available:  [pdf\(486.95 KB\)](#)

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In this paper, we present an incremental transformation framework called incXSLT. This framework has been experimented for the XSLT language defined at the World Wide Web Consortium. For the currently available tools, designing the XML content and the transformation sheets is an inefficient, a tedious and an error prone experience. Incremental transformation processors such as incXSLT represent a better alternative to help in the design of both the content and the transformation sheets. We believe ...


**Keywords:** XML, XSLT, authoring tools, incremental transformations

11 Tree visualization with tree-maps: 2-d space-filling approach



Ben Shneiderman

January 1992 **ACM Transactions on Graphics (TOG)**, Volume 11 Issue 1

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12 Session II: wxHaskell: a portable and concise GUI library for Haskell



Daan Leijen

September 2004 **Proceedings of the ACM SIGPLAN workshop on Haskell**

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**Keywords:** C++, Haskell, combinator library, graphical user interface, layout, wxWidgets

13 Multiresolution modeling and visualization of volume data based on simplicial complexes



Paolo Cignoni, Leila De Floriani, Claudio Montani, Enrico Puppo, Roberto Scopigno

October 1994 **Proceedings of the 1994 symposium on Volume visualization**

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8 XML Applications: An incremental XSLT transformation processor for XML document manipulation

Lionel Villard, Nabil Layaïda

May 2002 **Proceedings of the 11th international conference on World Wide Web**

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